

JMeter and Blaze Meter

1. Performance Testing Introduction

- The incident
- The aftermath
- Performance testing
- Performance testing and tuning
- Baselines
- Load and stress testing
- JMeter to the rescue
- Up and running with JMeter
- Installation
- Installing the Java JDK
- Setting JAVA_HOME
- Running JMeter
- Tracking errors during test execution
- Configuring JMeter
- Summary

2. Recording Your First Test

- Configuring the JMeter HTTP proxy server
- Setting up your browser to use the proxy server
- Using a browser extension
- Changing the system settings
- Running your first recorded scenario
- Anatomy of a JMeter test
- Test Plan
- Thread Groups
- Controllers
- Samplers
- Logic controllers
- Test fragments
- Listeners
- Timers
- Assertions
- Configuration elements
- Pre-processor and post-processor elements
- Summary

3. Submitting Forms

- Capturing simple forms
- Handling checkboxes
- Handling radio buttons

- Handling file uploads
- Handling file download
- Handling the XML response
- Summary

4. Managing Sessions

- Managing sessions with cookies
- Managing sessions with URL rewriting
- Summary

5. Timers and Functions

- JMeter properties and variables
- JMeter functions
- The Regular Expression tester
- The Debug sampler
- Using timers in your test plan
- The Constant timer
- The Gaussian random timer
- The Uniform random timer
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- The Synchronizing timer
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- The JDBC Request sampler
- Configuring a JDBC Connection Configuration component
- Adding a JDBC Request sampler
- Summary

6. Helpful Tips

- JMeter integration with selenium
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7. Performance Testing using Cloud

- About Blaze Meter
- Creating and configuring a basic load test
- Advanced configurations and multisets
- Running a test and analysing results